

CLAIM AMENDMENTS

1. (Currently Amended) Shaped object adapted for being connected with a rim at a point located inside the rim ~~wheelwell~~, having a contact surface intended to rest on the rim well, wherein the contact surface intersects each of a set of mutually parallel first planes along a ~~radius of curvature~~ curved surface which is generally elliptical, said curved surface having a radius of curvature which has a curvature growth rate, which is generally elliptical.
2. (Currently Amended) ~~The shaped object as defined in Claim 1, Shaped object adapted for being connected with a rim at a point located inside the rim well, having a contact surface intended to rest on the rim well, wherein the contact surface intersects each of a set of mutually parallel first planes along a curved surface which is generally elliptical, said curved surface having a radius of curvature which has a curvature growth rate, wherein the growth rate decreases to a limit value as the distance of the curve from the a second plane rises, and then remains constant as the distance continues to rise.~~
3. (Currently Amended) The shaped object as defined in Claim 1, wherein the curved surface comprises a succession of curved sections ~~the radius of curvature of having a curvature growth rate which decreases-increases~~ as the distance from ~~the a second plane rises, wherein the shaped object is attached to the rim well by a bonding agent between the contact surface and the rim well.~~
4. (Previously Presented) The shaped object as defined in Claim 3, wherein the radius of curvature along the curve remains constant within a curved section.
5. (Previously Presented) The shaped object as defined in Claim 3, wherein the differently curved sections follow each other directly, with the radius of curvature changing abruptly between two adjacent sections.
6. (Previously Presented) The shaped object as defined in Claim 1, wherein the sections are approximately equal in length.
7. (Previously Presented) The shaped object as defined in Claim 3, wherein the section which is the nearest to the second plane is longer than the remaining

sections which are approximately equal in length or become shorter as their distance from the second plane increases.

8. (Currently Amended) The shaped object as defined in Claim 1, wherein the curve comprises at least one concave section having a radius of curvature that ~~decreases-increases~~ continuously as the distance from the second plane rises.
9. (Currently Amended) The shaped object as defined in Claim 8, wherein at least on one side of the second plane the curve over its full length has a radius of curvature that ~~decreases-increases~~ as the distance from the second plane rises.
10. (Previously Presented) The shaped object as defined in Claim 1, wherein the curve shows the claimed shape on both sides of the second plane.
11. (Previously Presented) The shaped object as defined in Claim 10, wherein the curve extends mirror-symmetrically relative to the second plane.
12. (Previously Presented) The shaped object as defined in Claim 10, wherein two sections of each of the curve, lying on different sides of the second plane, have a conforming curvature and the same center of curvature.
13. (Previously Presented) The shaped object as defined in Claim 1, wherein the contact surface extends in convex shape along the lines of intersection with third planes that intersect the curve perpendicularly.
14. (Previously Presented) The shaped object as defined in Claim 13, wherein the lines of intersection each have a radius of curvature that increases from their one end to their other end.
15. (Previously Presented) The shaped object as defined in Claim 14, wherein the radius of curvature of the lines of intersection increases continuously.
16. (Previously Presented) The shaped object as defined in Claim 1, wherein it is a housing.
17. (Previously Presented) The shaped object as defined in Claim 1, wherein it is a carrier or a holder for a housing.

18. (Previously Presented) The shaped object as defined in Claim 16, wherein the housing contains a device for measuring the pressure and/or the temperature in a pneumatic tire which is mounted on the rim.
19. (Previously Presented) A rim with a shaped object as defined in Claim 1, which has its contact surface connected with the rim at a point inside the rim well by a substance connection.
20. (Previously Presented) A rim as defined in Claim 19, wherein the shaped object is bonded to the rim well.
21. (Currently Amended) A Shaped Object adapted for being connected with a rim at a point located inside the rim ~~wheelwell~~, as according to Claim 1, wherein the Shaped Object is attached to the ~~wheel~~ rim well by a bonding agent between the contact surface and the ~~wheel-rim~~ well.
22. (Previously Presented) A Shaped Object as defined in Claim 21, wherein said bonding agent is a durable bonding agent.
23. (New) Shaped object adapted for being connected with a rim at a point located inside the rim well, having a contact surface intended to rest on the rim well, wherein the contact surface intersects each of a set of mutually parallel first planes along a curved surface which is generally elliptical, wherein the curved surface comprises a succession of curved sections the radius of curvature of which increases as the distance from a second plane rises, wherein the shaped object is attached to the rim well by a bonding agent between the contact surface and the rim well.